

PAT-NO: JP401097412A

DOCUMENT-IDENTIFIER: JP 01097412 A

**TITLE: HEATING EQUIPMENT FOR AUDIENCE
SEAT**

PUBN-DATE: April 14, 1989

INVENTOR-INFORMATION:

NAME

TATSUMI, ARITAKA

ASSIGNEE-INFORMATION:

NAME

HITACHI CABLE LTD

COUNTRY


N/A

APPL-NO: JP62254340

APPL-DATE: October 8, 1987

INT-CL (IPC): A47C007/74, A47C001/16 , E04H003/12

ABSTRACT:



PURPOSE: To efficiently heat only a required seat at a low cost by providing an induction coil on a seat, generating an AC magnetic field, integrating a metallic member for generating heat by an eddy current with a mat for the seat or the like and positioning it in the AC magnetic field.

CONSTITUTION: The induction coil 3 tightly sealed with the non-magnetic insulation body 2 of plastic or the like is embedded in the seat 1 of the stand 9 of an outdoor stadium. AC power sources are arranged for respective appropriate blocks in the stand 9 and branching cables 5 branched from the main cable 4 of the AC power source are connected to the induction coils 3. The mat 6 placed on the seat 1 by an audience is provided with the metallic plate 7 of large eddy current loss. When the audience places the mat 6 in the state of making an AC current flow to the induction coil 3, the eddy current is generated on the metallic plate 7 by the AC magnetic field formed by the induction coil 3 and the mat 6 is heated by heat generation based on the eddy current. When the mat 6 is not placed on the seat 1, only the power of the

induction coil is consumed and heat is not generated.

COPYRIGHT: (C)1989,JPO